

User Manual

From RibTools

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Installation

- **Get** the latest version of the binaries from the downloads page (<http://code.google.com/p/ribtools/downloads/list>) over at Google Project Hosting.
- **Unzip** the archive in the directory of your choosing (Note: the archive includes own RibTools/ directory).



Note: you may need to perform a one-time install of the freely redistributable CRT libraries from Microsoft, downloadable here (<http://www.microsoft.com/downloads/details.aspx?familyid=A5C84275-3B97-4AB7-A40D-3802B2AF5FC2&displaylang=en>) and in the *RibTools* binaries package at

`RibTools\Install\vcredist_x86.exe`.

Quick Start

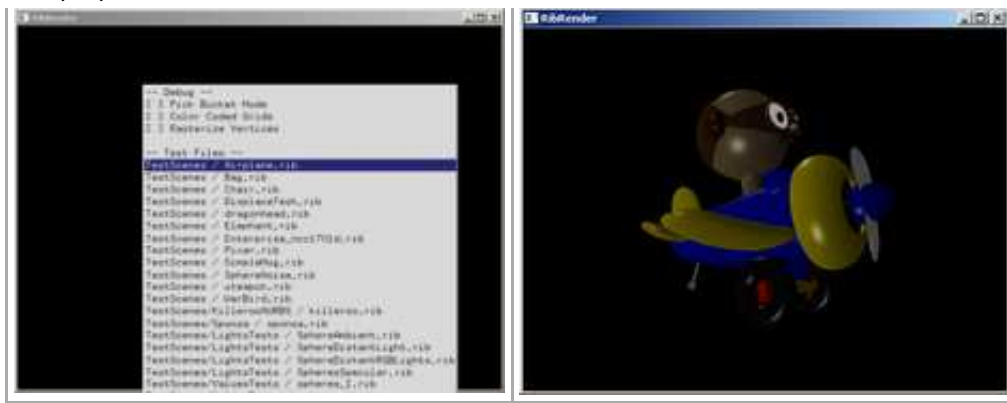
From the *RibTools* directory, launch the file `MakeTests.bat`, wait for it to complete and enjoy some fine renderings in the *TestsOutput* folder.

Three executables are currently distributed: **RibRenderToy**, **RibRender**, **RibRenderServer** and **RSLCompilerCmd**.

RibRenderToy

This is a minimally interactive application that will render any `.rib` file present in the 'TestScenes' folder. Launch the application, *right click* in the window to open a menu from which to choose a `.rib` file to render.





RibRender

This command will render a .rib file in input to a JPEG file in output. It can also work as a rendering server for network distributed rendering. For usage instructions, type:

Usage:

```
RibRender <rib file> <output JPEG file> [options]
```

Options:

```
-help | --help | -h           -- Show this help
-server <address>:<port>      -- Specify an IP and port number for a render server
-forcedlongdim <size in pixels> -- Force the largest dimension's rendering size in pixels
```

Examples:

```
RibRender TestScenes/Airplane.rib airplane.jpg
RibRender TestScenes/Airplane.rib airplane.jpg -longdimsize 1024 -server 192.168.1.107 -server 1
```

RibRenderServer

This command acts for a render server for any *RibRender* command that will accesses this application through the machine's IP and the standard or specified port.

Usage:

```
RibRenderServer [options]
```

Options:

```
-help | --help | -h -- Show this help
-port <port>       -- Wait for connection at port <port>
```

Examples:

```
RibRenderServer
RibRenderServer -port 31111
```

RSLCompilerCmd

This command is included only for *internal testing purposes*. It compiles a .sl file into a RibRender .rrasm file type. Such operation is done internally by the renderer, and **the user does not normally need to run this command explicitly**.

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